

Disconnect terminal block - GTF 76/230 - 3121012

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Ground disconnect terminal block with screw connection, voltage 110 - 250 V AC/DC, current: 0.5 - 1 mA, cross section: 0.5 - 6 mm², width: 22.5 mm, color: gray

Product Features

- When the disconnect slide is closed, switch position "on", the yellow light indicates grounded normal operation
- Once the disconnect slide has been opened to the "off" position, the red light indicates whether there is a ground fault in the control circuit



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 092917
Weight per Piece (excluding packing)	61.42 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	6 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	4 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

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Technical data

General

Nominal current I_N	41 A
Maximum load current	57 A
Nominal voltage U_N	110 V
	250 V
LED voltage range	110 V AC ... 250 V AC
LED current range	0.5 mA ... 1 mA
Open side panel	No

Dimensions

Length	64.5 mm
Width	22.5 mm
Height NS 35/7,5	54 mm
Height NS 35/15	61.5 mm
Height NS 32	59 mm

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
Stripping length	12 mm
Internal cylindrical gage	A5

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Technical data

Connection data

Screw thread	M4
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm
Connection method	Screw connection

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141117
eCl@ss 4.1	27141117
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141126

ETIM

ETIM 2.0	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902
ETIM 5.0	EC000902

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

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Approvals


Approvals


UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted


Approval details

UL Recognized 	
mm ² /AWG/kcmil	26-8
Nominal current I _N	50 A
Nominal voltage U _N	250 V

cUL Recognized 	
mm ² /AWG/kcmil	26-8
Nominal current I _N	50 A
Nominal voltage U _N	250 V

EAC

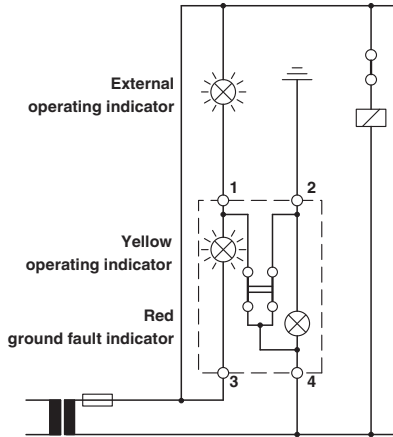
EAC

cULus Recognized 	
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Drawings

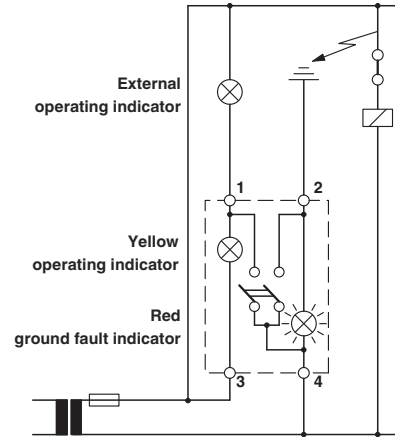
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Circuit diagram



Grounded operating state

Circuit diagram



Ground fault

Schematic diagram

